

Precalculus

2nd Quarter Project

Law of Sines and Cosines Applications

Name _____ Period _____

50 points (counts as a test)

Requirements:

1. Typed cover page with a title, your name, and period.
2. Answer all questions using COMPLETE SENTENCES and show ALL work.

RUBRIC

Question 1

a---9 points Draw a picture of the triangle. Show work for finding the angles, including what you type on your calculator. Then show the check step.

b---5 points Write your explanation in a complete sentence. Then show the math to explain your explanation.

c---11 points Show work for finding the 2 new angles. Show work for finding the new side. Include in your work what you type on your calculator. Draw a picture of the triangle. Writing explanation in a complete sentence.

Question 2

a---7 points Draw a picture of the triangle. Showing work to find the side, include what you type on your calculator. Write the answer in a complete sentence.

b---11 points Draw a picture of the triangle. Show work to find the side. Show work to find the angle. Include in your work what you type on the calculator. Write the answer in a complete sentence.

Title page

3 points

Neatness and Organization

4 points---Be sure this looks like a project, not an assignment.

This project is due **January 11th**.

Late projects **will not** be accepted for any reason.